Fire Support Considerations For MOUT

Agenda

- Environmental concerns
- Effects considerations
- Terrain masking
- Additional considerations

Environmental Concerns

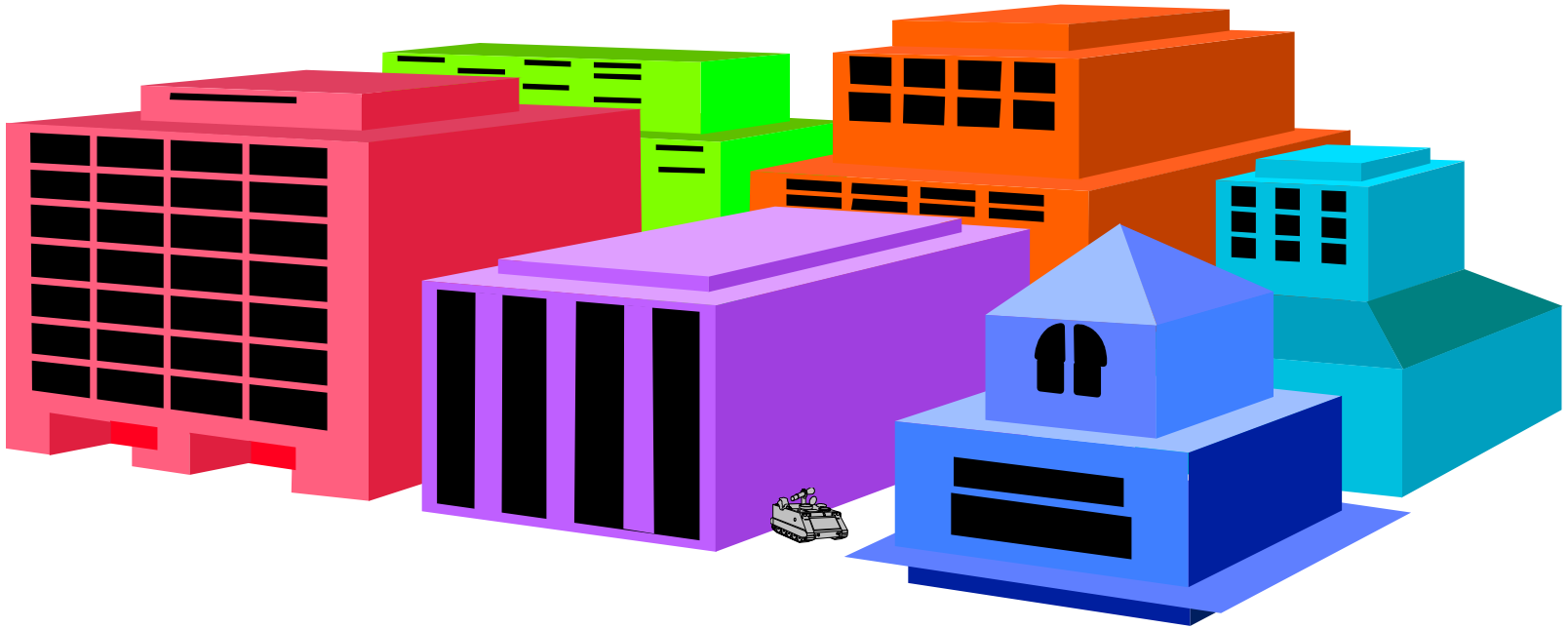
- Wind direction
- Incendiary effects
- Gas mains
- Industrial chemical release
- Communication limitations
  - Radios, GPS
  - Magnetic interference
- Glass - effect on thermals
- Artificial lights– effect on NVGs

Effects Considerations

- FS effects can give increased complexity to the terrain
- Restrictive terrain requires imaginative use of FS assets

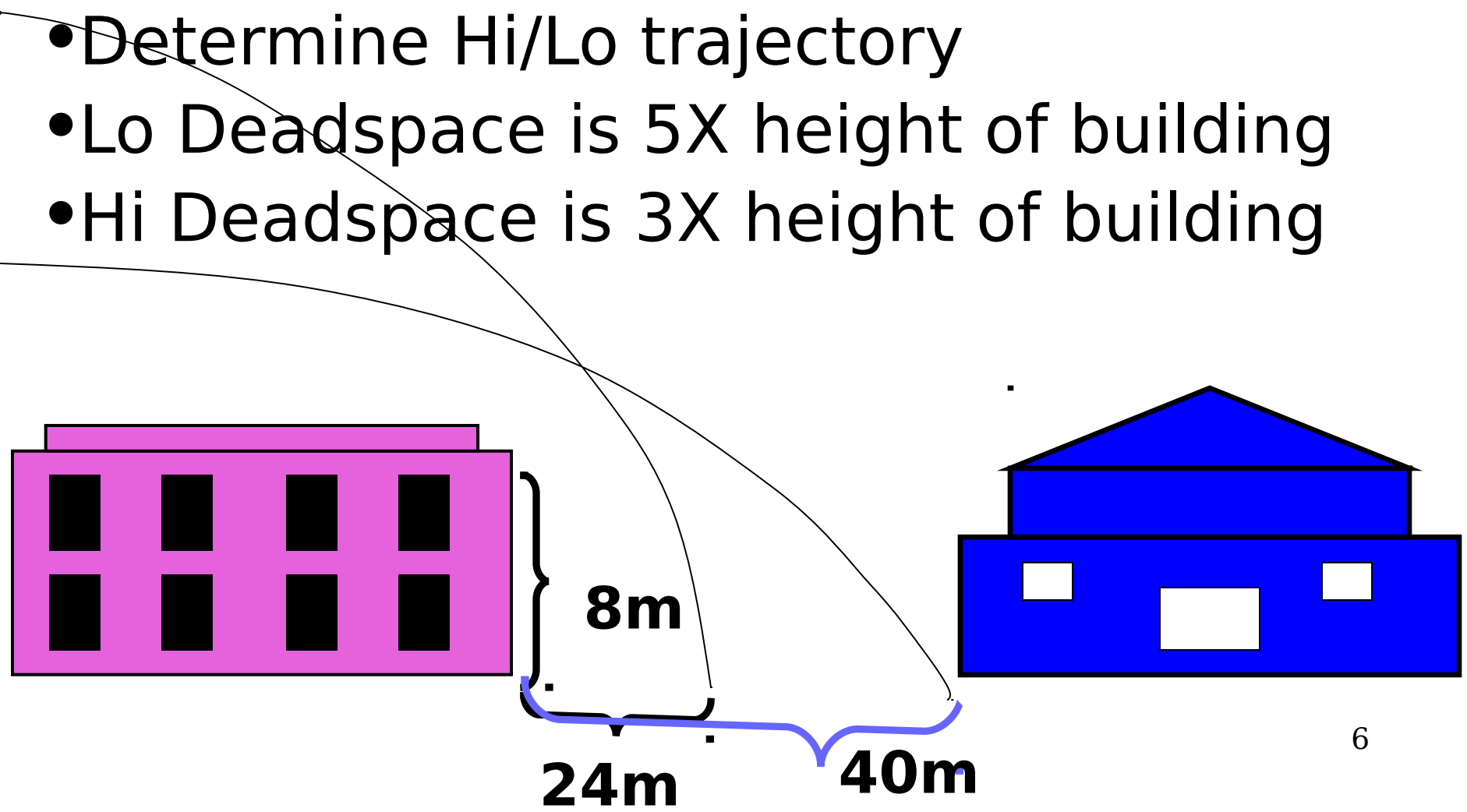
Terrain Masking

- Estimating height of buildings
  - Determine trajectory
  - Determine attack <



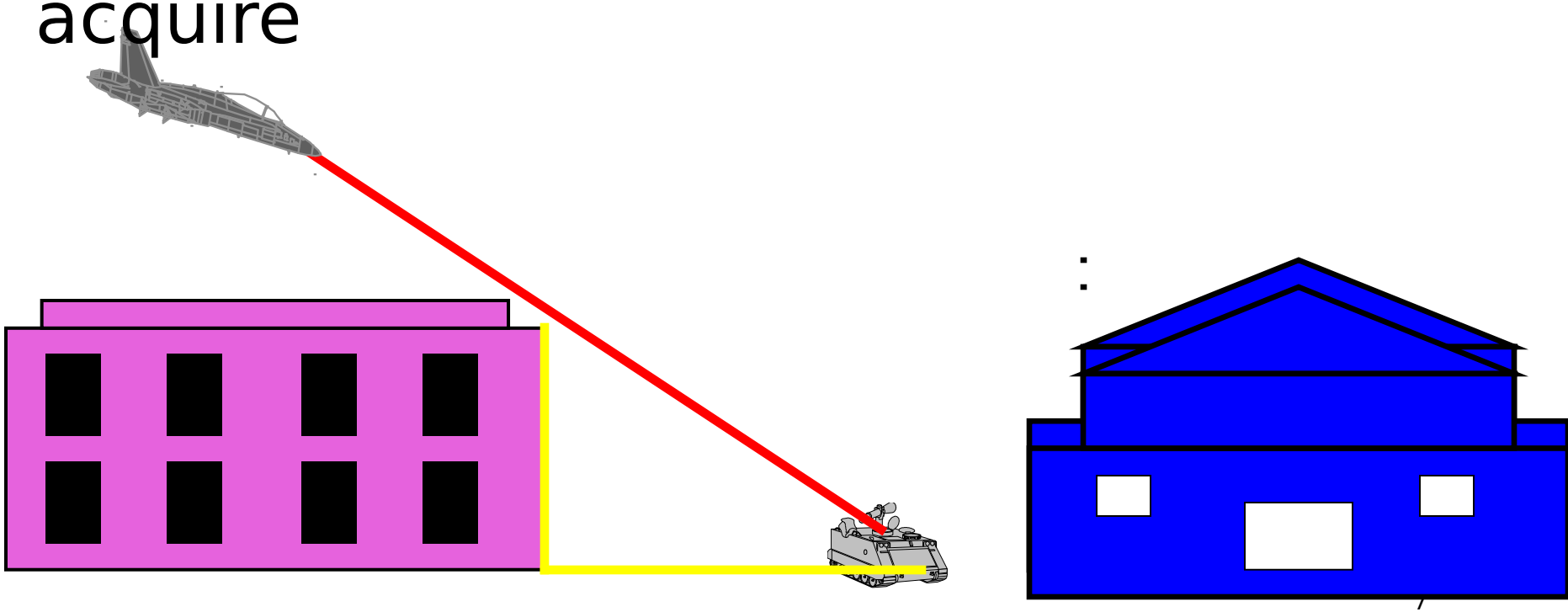
Terrain Masking

- Estimating height of buildings
- Determine Hi/Lo trajectory
- Lo Deadspace is 5X height of building
- Hi Deadspace is 3X height of building



Terrain Masking

- Estimating height of buildings (cont'd)
- Angle of attack for F/W CAS
- If too shallow, aircraft will not be able to acquire



Additional Considerations

3-D fighting

- Friendly locations
- OP selection/ occupation
- Secure resupply
- FIST placement/ role
- IP/PUP identification
- Pre-planned targets
- ROE
- Danger Close

Summary

- MOUT increases FS planning complexities
- Additional effects considerations
- FS Asset placement difficulties

Questions